ECS Configuration Change Request

Page 1 of   Page(s)

1. Originator Cherry Kenney	2. Log Date: 04/29/03	3. CCR #: 03-0311	4. Rev: —	5. Tel: 301-883-4177	6. Rm #: 3008H	7. Dept. DEV/CO

8. CCR Title: Patch_6A.07_STMGT.05

9. Originator Signature/Date Cherry Kenney /s/ 04/29/03	10. Class II	11. Type: CCR	12. Need Date: 29Apr03

13. Office Manager Signature/Date Louis Swentek /s/ 04/29/03	14. Category of Change: Other	15. Priority: (If "Emergency" fill in Block 27). Routine

16. Documentation/Drawings Impacted *(Review and submit checklist):*	17. Schedule Impact:	18. CI(s) Affected: STMGT

19. Release Affected by this Change: 6A	20. Date due to Customer: 29Apr03	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
32390, 36649, 36789, 36957, 37086, 37093, 37161, 37183

23. Problem: (use additional Sheets if necessary)
This patch delivers the monthly rollup of STMGT susbsystem. Also included is support for the Ingest Secure Copy functionality.

24. Proposed Solution: (use additional sheets if necessary)
Deliver Patch_6A.07_STMGT.05 to all DAACs.

25. Alternate Solution: (use additional sheets if necessary)
Wait until next STMGT delivery. .

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Identified STMGT problems will continue. STMGT and INGEST are required to delivery the Secure Copy functionality requested by the DAACs.

27. Justification for Emergency (If Block 15 is "Emergency"):
NA

28. Site(s) Affected: ☒EDF ☒PVC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): Mary S. Armstrong /s/ 04/29/03	Disposition: **Approved** App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

33. M&O CCB Chair (Sign/Date): Pamela Johnson /s/ 04/29/03	Disposition: **Approved** App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

CM01JA00 Revised 8/2/02   ECS/EDF/SCDV/M&O

ADDITIONAL SHEET

CCR #: 03-0311   Rev: — Originator: Cheery Kenney

Telephone: 301-883-4177   **Office:** 3204D

Title of Change: Patch_6A.07_STMGT.05

Actions

ClearCase

Please build an IRIX tarfile from the 6A07EBF1 baseline for the following packages:

.EcDsStArchive.pkg
.EcDsStDatabase.pkg
.EcDsStFtpCopy.pkg
.EcDsStPullMonitor.pkg
.EcDsStStaging.pkg

Please label this tar file Patch_6A.07_STMGT.05

Continied from page 1, Block 22:

ECSed36789 SEV5 GSFC DAAC GDAAC/SMC: Request SCP2 functionality within INS/STMGT
ECSed32390 SEV2 GSFC DAAC Failed requests accumulating in DB
ECSed36649 SEV2 GSFC DAAC GSFC/SMC: stmgt Proc DsStCMDeleteExpiredLiens slows Sybase
ECSed36957 SEV2 PVC FtpCommand Error Message Contains "%s" -Causing Ftp server core dump
ECSed37086 SEV2 PVC Archive server cored in OPS in PVC
ECSed37161 SEV2 EDC DAAC OPS:6A.07:SA:SSS_UMT FtpPush distribution suspending with e
ECSed37093 SEV2 C EDC DAAC 6A.07:Granule Deletion Tool does not remove backup Browse f
ECSed37183 SEV3 EDC DAAC The baselined sitemap needs to be updated for LP DAAC

Patch/TE Dependencies

Patch_6A.07_STMGT.05 may be installed on top of any previously delivered STMGT patch.
Patch_6A.07_STMGT.05 MUST be installed the same time as Patch_6A.07_INGEST.04A.

DAAC INSTALL INSTRUCTIONS

A. PRE - INSTALLATION

1. Copy the *irix65* tar files into the <staging_area>/IRIX65 directory

2.. Using the Setup.ksh files untar the tar files in both directories

3. When prompted, you will need to install a new version of EcsAssist. (There are new packages included in this delivery and a new .sitemap)

4. cd <staging_area>/IRIX65/CUSTOM/dbms

      chmod -R 775 *

6. Bring down all STMGT servers

B. INSTALLTION:

1. cd <staging_area>/IRIX65/CUSTOM/.installed/DSS/stmgt.

2. Edit the .rgypatch and uncomment the appropriate line that updates the SecureHostPort for the EcDsStFtpServer, depending on the MODE being installed.

3. Logon to any SUN host and install the listed packages using E.A.S.I

.EcDsStArchive.pkg
.EcDsStDatabase.pkg
.EcDsStFtpCopy.pkg
.EcDsStPullMonitor.pkg
.EcDsStStaging.pkg

(Note the packages names for STMGT have changed. There is no longer an Ingest Ftp Package. The Archive packagenow only deliverers the Cache Manager and Archive Server, Staging Package only delivers the StagingDiskServer, and the FtpCopy package delivers the FtpServer and Copy Servers only.

4. logon to the host were the EcDsStRequestManager is installed (xxdis02).

5. cp <staging_area>/IRIX65/CUSTOM/.installed/DSS/stmgt/.rgypatch
/usr/ecs/<MODE>/CUSTOM/.installed/DSS/stmgt/.rgypatch

C. CONFIGURATION:

1. Log into the machine where STMGT EcDsStFtpServer is installed (xxacgnn, xxdrgnn, xxicg01)
2. Using the ECS Assist Subsystem Manager, run EcDsStFtpServerMkcfg and EcDsStCopyServerMkcfg.

There are two new parameter for the FTP Server: They are:
SecureHostPort - the value will be set by the .cfgpatch during installation based on MODE
SecureServerHost - the value is set to xxacgnn. -- Again the value will be set in by the .cfgpatch during installation of the MODE based on DAAC.

There is one configurable parameter for the Copy Server. It is:
CopyServerPort -- (This is the same value as the SecureHostPort listed above). This value will also be set based on mode during installation.

3. After Mkcfgs are run, cd /usr/ecs/<MODE>/CUSTOM/.cfg

4. Using EcCoPopulateRegistry load the EcDsStCopyServer.CFG file into the Registry.

(If you do not want to run the .rgypatch from the SUN, you may use the EcCoPopulateRegistry tool to also load the EcDsStFtpServer.CFG into the Registry)

5. mv EcDsStFtpServer.CFG and EcDsStCopyServer.CFG files to *.CFG.rgy

NOTE: You must run the .rgypatch from a SUN.

6. Logon to the xxdis02 (where you copied the .rgypatch file) and using EcsAssist load run the .rgypatch in the /usr/ecs/<MODE>/CUSTOM/.installed/DSS/stmgt directory.

D. DATABASE INSTALLATION

1. Logon to the xxacgnn host (where the STMGT Database Package is installed)

2. Bring up EcsSubsystem Manager and patch the STMGT database up to Patch 6354

Patch Number Patch Description

6337- deleivered in 6A07 release
6341- delivered in Patch_6A.07_DDIST_STMGT.01
6347 - NCR36649 Proc DsStCMDeleteExpiredLiens slows Sybase and NCR32390 failed requests accumulating in database
6351 - NCR37093 Fix Granule Deletion fail with backup BNCR36789
6354 - Add new column (Cipher) to DsStFtpRequest table

E. POST INSTALLATION

Bring up STMGT servers